

UARSMLS Observations of Ozone in the Polar Vortex during 1993

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The evolution of ozone observed by UARS MLS in the polar regions is shown throughout the stratosphere, focusing on the Southern Hemisphere winter of 1993. The relationship of this evolution to that of the stratospheric polar vortex will be discussed. Evidence will be shown on the effects of chlorine chemistry on ozone in the lower stratosphere, and on the effects of transport relative to the polar vortex throughout the stratosphere. The evolution of ozone as observed by UARS MLS will be compared for the SH winters of 1992 and 1993, and the NH winter of 1992/1993.

1. 1993 Fall Meeting

2. 001313371 (LF)

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